

METHODS FOR OPTICAL DISC SECTOR VERIFICATION

ABSTRACT OF THE DISCLOSURE

A method for verifying sectors on an optical disc is provided. The method
5 includes writing user data to unverified sectors of the optical disc and verifying the
sectors of the optical disc with the user data. The sectors of the optical disc are verified
by reading the user data on the unverified sectors of the optical disc and comparing the
user data read from the unverified sectors of the optical disc with user data stored on a
system buffer. The sectors of the optical disc are verified to determine whether any one
10 of the unverified sectors having user data is defective. Also, the verifying of the
unverified sectors establishes verified sectors having user data. The sectors of the
optical disc that have been verified are tracked with a bitmap that is continually updated
as the sectors are verified.

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